

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/051107

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 E03B3/32 E21B43/14 E21B43/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E03B E21B B65G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 768 555 A (LEVENS F) 30 October 1973 (1973-10-30) the whole document	1,12
Y	-----	2-11, 13-25
Y	US 6 412 555 B1 (STOELEN EINAR ET AL) 2 July 2002 (2002-07-02) column 2, line 19 - column 3, line 22; figures 1,2	2-11, 13-25
X	GB 1 112 955 A (WILLIAM V KARR) 8 May 1968 (1968-05-08) page 2, line 9 - line 46 page 4, line 15 - line 20 page 4, line 93 - line 111; figures -----	1,12

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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G document member of the same patent family

Date of the actual completion of the international search

11 October 2004

Date of mailing of the international search report

20/10/2004

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